



State of Louisiana

Department of Environmental Quality



July 5, 2000

M.J. "Mike" Foster
Governor

Contact Jeff Simon, Ph.D. for more information: (225) 763-5403; e-mail: jeff_s@deq.state.la.us

J. Dale Givens
Secretary

DEQ Forecasts Ozone Advisory for Today and Tomorrow in Baton Rouge area

The Louisiana Department of Environmental Quality (DEQ) has identified today, Wednesday, July 5 as a **"Code Red"** day. Increasing ozone levels will cause unhealthy air quality during the afternoon hours. In addition, tomorrow, Thursday, July 6 is forecast as an **OZONE ACTION DAY**. Unseasonably dry high pressure has settled in over the Baton Rouge area, and it is expected to remain there through Friday with only minimal modification.

The ozone advisory period begins in June and ends in September. The Baton Rouge metropolitan area has exceeded federal ozone standards two times this year, both on the same date: The **Baker** and **Pride** monitors recorded exceedances on May 16.

Ozone forms when volatile organic compounds and nitrogen oxides react in the presence of sunlight and warm temperatures on days with little or no wind. While ozone in the earth's upper atmosphere helps protect us from the sun's harmful rays, ground-level ozone is potentially harmful to human health. Ozone is one of six criteria pollutants for which ambient air standards have been established. Louisiana currently meets federal air quality standards for all criteria pollutants in all areas of the state except East Baton Rouge, West Baton Rouge, Iberville, Ascension and Livingston parishes, which have been classified as an ozone non-attainment area.

Residents in the Baton Rouge area are urged to limit driving and limit use of fuels and solvents. In general, when ozone levels are high, residents should also limit outdoor activities, which increase exposure to ozone. People at highest health risk are those with asthma and those with heart or lung diseases. Children and the elderly are also at higher risk.

To help prevent the formation of ozone, area residents are encouraged to take one or more of the following voluntary actions:

Limit daytime driving and combine errands. Drive "emissionwise." Avoid prolonged idling and jackrabbit starts. Walk or ride a bicycle for short trips. Carpool or ride public transportation when possible.

- ☐ Refuel your vehicle in the cooler evening hours. Don't top off your tank.
- ☐ Defer mowing grass until late evening or the next day.
- ☐ Avoid use of all gasoline-powered equipment -- chain saws, garden equipment, outboard motors, off-road or other recreational vehicles. If you must use such equipment, wait until after 7 p.m.
- ☐ Postpone chores that use oil-based paints, varnishes and solvents that produce fumes.
- ☐ If you must barbecue, use an electric starter instead of starter fluid.
- ☐ Maintain your vehicle to minimize pollutant emissions and maintain fuel efficiency.
- ☐ Make certain your gas cap seals tightly. If it is missing, buy a new one.
- ☐ Conserve energy in your home.
- ☐ Spread the word by telling family, friends, co-workers and neighbors about ozone action days.

Additional information about current air quality in the Baton Rouge area is available online from the DEQ web site at <http://gis.deq.state.la.us/ozone/omstoday.htm> or by dialing 225/765-2660 for a recorded message from DEQ that provides a daily air quality reading and ozone forecast.